

# ILLINOIS WEATHER & CROPS



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## CROPS

Condition of soybeans was mostly unchanged to lower and corn condition declined this week. Scattered showers were received in parts of the State, but soil moisture still decreased slightly. Dry soil conditions and the extreme high temperatures continue to cause stress and deterioration of crops. Spider mites continue to damage soybeans, causing producers to repeatedly apply insecticides. Last week farmers were harvesting hay, spraying soybeans, baling straw, mowing, chopping silage, hauling water and grain, walking beans, scouting for insects, repairing machinery, caring for livestock, and doing general chores. For the week of July 30-August 5 there was an average of six and three-quarter days suitable for fieldwork. Parts of the East-Southeast, Southwest, and Southeast Districts have adequate soil moisture, but all other areas are short.

Condition of the **CORN** crop on August 5 was reported as 3% good, 30% fair, 47% poor, and 20% very poor. By August 7, 70% of the crop was in the dough stage compared to 85% last year and the 5-year average (1983-87) of 63%. Twenty percent of the crop was in the dent stage compared to 44% last year and the average of 22%.

By August 7, 88% of the **SOYBEAN** crop was setting pods, compared to 93% last year and the average of 66%. Condition of the crop by August 5 was 1% excellent, 8% good, 55% fair, 32% poor, and 4% very poor.

Condition of the **SORGHUM** crop on August 5 was reported as 36% good, 51% fair, and 13% poor. Seventy-five percent of the sorghum acreage was headed compared to 95% last year.

By August 7, cutting of the third crop of **ALFALFA HAY** was 45% complete, compared to 47% last year and the average of 35%. Condition of the crop on August 5 was reported as 7% good, 52% fair, 31% poor, and 10% very poor.

**HAY** supplies on August 5 were reported as 16% very short, 66% short, and 18% adequate.

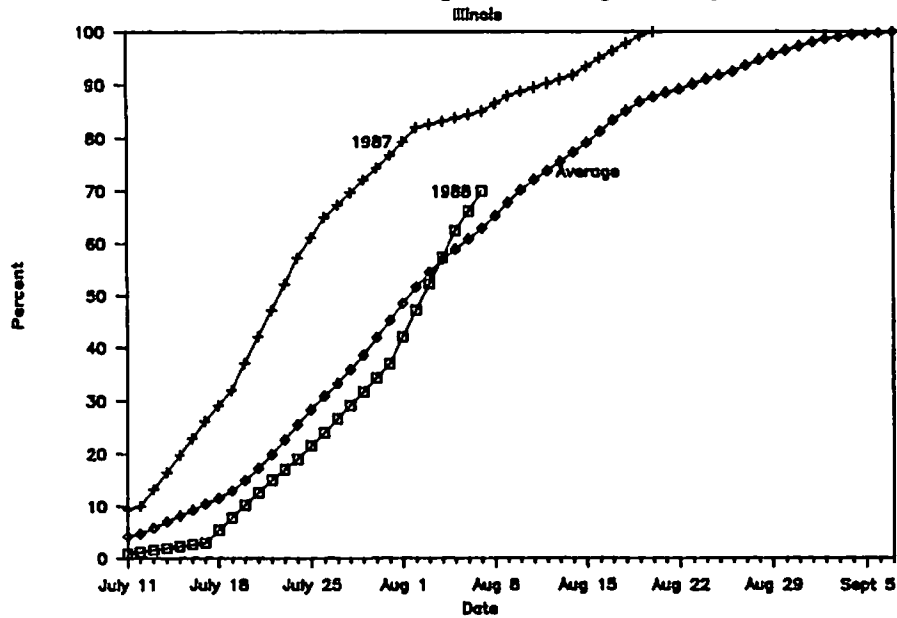
**PASTURE** condition, as of August 5, was rated as 1% good, 23% fair, 24% poor, and 52% very poor.

**SOIL MOISTURE** on August 5 was reported as 88% short and 12% adequate.

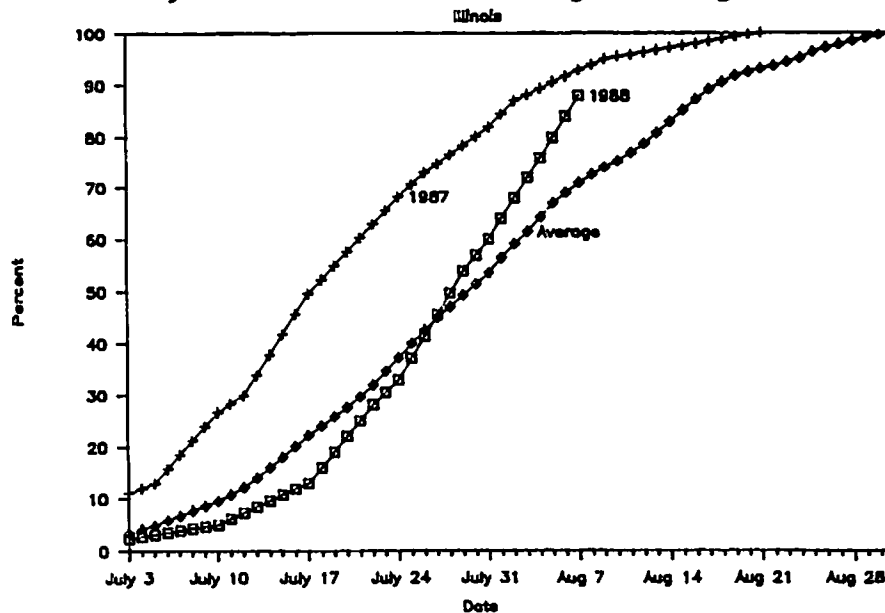
# ILLINOIS DISTRICT SUMMARY

District :	Corn	Days	Soil		
	acreage	suitable for	moisture percent		
:	percent dented	fieldwork	Short	Adequate	Surplus
As of August 7			As of August 5		
NW	17	7.0	100	0	0
NE	6	7.0	100	0	0
W	20	7.0	100	0	0
C	25	7.0	100	0	0
E	22	7.0	100	0	0
WSW	25	7.0	100	0	0
ESE	20	6.0	70	30	0
SW	25	6.5	65	35	0
SE	30	6.5	55	45	0
State	20	6.75	88	12	0
5-Yr.Avg.:	22				

## Corn — Acreage in Dough Stage



## Soybeans — Percent Acreage Setting Pods



# WEATHER

HIGH PRESSURE AND A SOUTHWEST FLOW OF AIR BROUGHT HOT **TEMPERATURES**, ESPECIALLY THE FIRST FOUR DAYS OF THE PERIOD. DAILY HIGHS AVERAGED MOSTLY IN THE LOW TO MID-90'S ACROSS THE STATE, WHICH RANGED FROM 3 TO 8 DEGREES ABOVE NORMAL IN THE CENTRAL AND SOUTH TO 9 TO 11 DEGREES ABOVE NORMAL IN THE NORTH. LOWS AVERAGED FROM THE MID-60'S IN THE NORTH TO THE UPPER 60'S TO LOWER 70'S IN THE CENTRAL AND SOUTH. THIS WAS 2 TO 8 DEGREES ABOVE NORMAL ACROSS THE STATE. HIGHEST READINGS OCCURRED EARLY IN THE PERIOD AND WERE IN THE MID TO UPPER 90'S IN THE SOUTH TO THE LOW 100'S IN THE NORTH.

A WEAK, COOL FRONT BROUGHT SCATTERED **RAINFALL** AMOUNTS OF 1/4 TO 3/4 INCH ACROSS THE STATE MAINLY ON FRIDAY AND FRIDAY NIGHT. THE GREATEST RAINFALL REPORT OF 1.41 INCHES WAS REPORTED AT IUKA IN SOUTHERN ILLINOIS. RAINFALL TOTALS WERE MOSTLY 1/4 TO 3/4 INCH BELOW NORMAL FOR THE PERIOD. THIS WAS TOO LITTLE RAINFALL TO SIGNIFICANTLY IMPROVE CROPS IN MOST AREAS.

A WEAK, COLD FRONT WILL BRING SOME CHANCE OF SCATTERED THUNDERSTORMS TO ILLINOIS ON WEDNESDAY, THEN HIGH PRESSURE MAY BRING MOSTLY SUNNY, DRY WEATHER ON THURSDAY AND FRIDAY. HIGHS WILL BE IN THE MID-80'S TO LOWER 90'S AND LOWS IN THE MID-60'S TO MID-70'S.

## Week ending 8 A.M. Monday, August 8, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi-	:Mini-	:Depar-	:Curr.:	:Since:	:Departure	:Curr.:	:Since	:Departure
	: mum	: mum	: ture	: week	: May 1:	: since May 1:	: week	: May 1:	: since May 1
ELIZABETH	95	64	8	0.34	4.38	-9.11	180	1942	178
ROCKFORD	95	66	8	0.51	4.46	-9.45	188	2112	338
CHICAGO	95	71	10	0.36	5.34	-6.52	204	2091	333
CHI BOTANICAL	96	71	9	0.00	6.96	-5.53	206	1900	-22
ELWOOD	95	67	8	0.30	3.18	-9.98	192	2109	309
WATSEKA	96	67	8	0.76	6.06	-8.21	190	2066	144
PERU	95	67	7	0.00	3.23	-9.48	192	2122	153
MOLINE	95	69	8	0.29	5.70	-8.76	198	2217	263
PEORIA	96	68	8	0.03	2.40	-10.23	195	2224	253
KILBOURNE	94	69	6	0.40	3.43	-9.78	196	2208	132
MONMOUTH	95	67	6	0.03	3.39	-9.62	192	2107	129
QUINCY	96	69	7	0.40	4.49	-9.25	198	2235	144
PERRY	96	66	5	0.23	6.63	-6.28	186	2148	18
SPRINGFIELD	92	70	6	0.75	4.94	-6.56	202	2288	164
DECATUR	91	68	4	0.34	5.04	-8.73	194	2231	118
URBANA	89	69	4	0.13	3.70	-9.22	191	2246	226
WINDSOR	92	71	6	0.35	6.17	-7.32	203	2271	150
TERRE HAUTE	92	68	5	0.17	9.69	-3.63	193	2135	98
ST. LOUIS	95	77	NA	0.00	7.93	NA	225	2542	NA
BELLEVILLE	94	70	5	0.00	5.87	-6.18	202	2257	58
BROWNSTOWN	95	67	5	0.04	4.93	-8.56	189	2189	61
IUKA	92	69	3	1.41	12.53	0.16	196	2149	-59
LAWRENCEVILLE	92	69	NA	0.26	7.58	NA	198	2216	NA
VINCENNES	92	68	4	0.25	6.55	-7.20	195	2230	91
DIXON SPRINGS	95	71	4	0.31	5.54	-7.60	203	2255	-52
PADUCAH	95	71	4	0.02	6.15	-7.46	205	2368	38
OLIVE BRANCH	93	70	4	0.85	7.14	-6.72	202	2238	-30
CARBONDALE	94	71	5	0.66	7.19	-6.08	205	2237	6
C GIRARDEAU	93	73	NA	0.24	7.68	NA	212	2411	NA

NEWSPAPER TIME VALUE

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